



# SKG ADVERTISING

SOLAR SIGNBOARD - INDUSTRIAL TAGGING



**DESIGN | PRINT | SIGNAGE | GIFT ITEMS | MUCH MORE.....**



SKG ADVERTISING Co. W.L.L. is established with vision & mission to focus on growing market to provide customers with desired and satisfying products & services. ,



#### **OUR SPECIALITIES:**

**SKG Advertising to cater the wide range of customer's signage and custom-made requirements;**

SKG have right type of facility to produce:

1. Graphic Designing.
2. Fabrication - Metals and Plastics.
3. Cutting - Water jet, Laser, Routers etc.
4. Welding - Steel and Aluminium.
5. Painting - Spray.
6. Printing - Digital Printing, Screen Printing, Heat Transfer etc.
7. Vinyl and Graphics - Computerized Plotter Cutting and Mounting.
8. Etching and Engraving.
9. Sign Repair, Servicing and Maintenance.

#### **SKG as successfully installed wide range of signage products.**

1. Flex Signs - Single / Double Sided.
2. 3D Box Type Letter Signs - Frontlit , Backlit, Front and Backlit.
3. Illuminated Acrylic Edgelit Signs.
4. Non-Illuminated Cut Letter Signs.
5. Custom-Made Acrylic Products - Stands, Boxes, Holders etc.
6. Digital Printing - Banners, Roll-Up, Pop-Up Stand etc.
7. Plotter Cut Graphics on any Surface.
8. Vehicle Branding.
9. Aluminium High Intensity Reflective Traffic and Informative Signs (Aluminium Post as well as foldable stand).
10. SS Etching, Aluminium, Plastic Engraving and Screen Printing Signs.
11. Name Badges (SS, Brass, {with / without epoxy coating} Anodized Aluminium, engraving Sheets).
12. Gifts and Promotional Items.
13. Printing, Embroidery and Heat Transfer on T-Shirts, Caps, Boiler Suits, Uniforms etc.
14. Event and Exhibition Backdrops.
15. Traffic Cones, Barriers, Warning Tapes etc.



## ETCHING / ENGRAVING & COLOR FILLINGS

► **ETCHING ON**

- STAINLESS STEEL
- ALUMINUM
- BRASS
- TRAFFOLYTE
- ACRYLIC

► **ENGRAVING ON**

- PLASTIC
- TRAFFOLYTE
- WOOD



## DECORATIVE ETCHING & PLATING

- ▶ BRASS PATTERN FOR INTERIORS
- ▶ METAL SIGNAGE
- ▶ LIFT DOOR PATTERN
- ▶ MEDALS & COINS
- ▶ TROPHIES & MEMENTOS



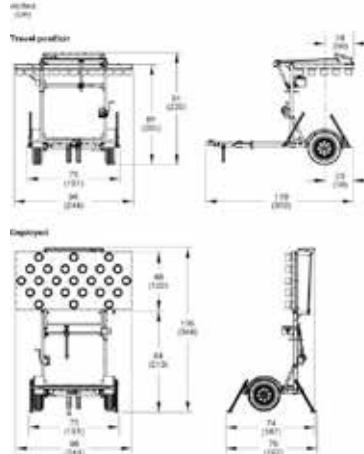
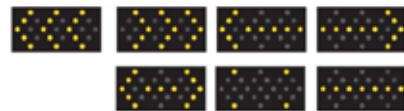
## SOLAR DIRECTION SIGNBOARD

- ▶ LED LAMPS - 25NOS ( AMBER YELLOW COLOUR )
- ▶ SOLAR PANEL - 150WATT, SIZE: 1480X680X35MM
- ▶ BATTERY - SOLAR GEL BATTERY, 12V100AH/10HR
- ▶ TRAILER - FABRICATED WITH MS TUBE & FIX ON WHEELS, PAINTED WITH AUTO PAINT DARK YELLOW COLOUR
- ▶ SOLAR DIRECTION SIGNAGE SIZE: 8FT X 4FT

## MOBILE ELECTRONIC DIRECTIONAL ARROW

### Product description

Mobile electronic directional arrows (Mobile DA) are to be used for traffic safety and control for all road works being undertaken in highways, arterial roads and other important roads in the Kingdom of Bahrain.



### Display

A multiple, LED lamp network shall be provided capable of displaying directional arrow indication. A single display shall be capable of showing either left or right arrows. The display shall have a matt black background with arrows displayed in yellow LED clusters. The display shall be powered by solar panels of appropriate size to both run the display and trickle charge the on-board battery support. During the hours of darkness the batteries shall support operation for a minimum of 18 hours.

The display shall generally comply with:

- Multiple LED lamp display
- Typically 2.4m wide x 1.2m high
- Typically 25 lamp clusters arranged to allow bi-directional arrow display
- Yellow LED –wavelength c590 nanometer
- Steel or aluminum frame, finished matt black. Locking mechanism for stowing flat when in moving mode

· Operating temperature -20°C to +85°C (or certified by supplier as suitable for operating continuously, without fault in ME conditions), 95% relative humidity (non-condensing). All circuit boards shall be covered in a conformal coating to prevent damage by moisture.

### Trailer

The arrow display, its solar panels, battery supply and control electronics shall be supplied built into a single axle trailer suitable for towing by automotive vehicle. The trailer shall be provided with:

- Tow hitch complete with 50mm ball coupling and pintle ring assembly rated up to two tones, drilled for securing with padlock. A brake surge actuator shall be fitted to bring on emergency brakes in the event of disconnection from towing vehicle.
- Raisable jockey wheel and corner jacks
- Complete with stop, turn and signal lights in rear of trailer complete with amber (front) and red (rear) side marker reflectors. A suitable electric coupling shall be provided to allow connection to the towing vehicle.
- Lockable, vented enclosures for housing batteries
- On board battery power – 12v 300Ah rating (manufacture specific)
- Lockable enclosure for housing sign controller
- All necessary linking cables and couplings to ensure correct operation of the system.

### Solar Panels

Crystalline silicon photovoltaic panels for converting sunlight into electricity of appropriate size will be provided. Solar panels will automatically set at 90° to the ground when the VMS is raised from the stowing position. The panels will:

- Be capable of operating the display independent of the battery supply
- Be capable of charging support batteries and display
- Be capable of being tilted to angles between horizontal and vertical.

### Controller

A sign controller and input device shall be provided to allow users to select appropriate sequences for display. It shall be possible to select either direction for the arrow display. Arrow operation shall either be:

The sign controller shall additionally be provided by:

- Sequential back to front in direction of flow or
- Solid flashing arrows. Flash rate programmable from 1 to 5 seconds
- Manual or automatic brightness control via remote photoelectric sensor
- Operating temperature- +85°C with 95% humidity (NC)

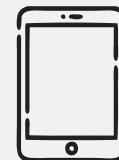


# CONTROL SYSTEM

FULLY REMOTE CONTROL VIA 3G

LOCAL PROGRAMMING W.TABLET

GPS TRACKING

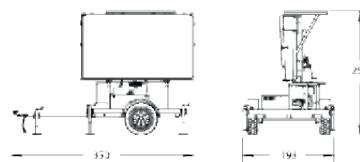


## SOLAR POWERED TRAILER MOUNTED MOBILE MESSAGE BOARD

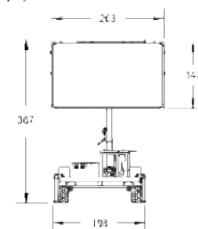
### Product description

Solar VMS signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message — large or small letters, graphics and symbols. Perfect for a wide variety of applications, a multitude of functions and options make these signs extremely versatile.

Towed Position



Deployed



### Display

A full matrix, LED VMS have provide to allow for the displaying of text only, pictograms or a combination of both. The display have a matt black background with message conveyed in yellow LED's. The display have powered by solar panels of appropriate size to both run the display and trickle charge the on-board battery support. During the hours of darkness the batteries shall support operation for a minimum of 18 hours.

The display shall generally comply with:

- Full matrix LED display, nominally in a 9:6 aspect ratio (width to height)
- Typically 2m wide x 1.4m high
- Typically 50(W) x 30(H)pixel matrix
- Nominal 40mm pixel pitch
- Yellow LED –wavelength c590 nanometer
- Various fonts available in both English and Arabic equivalents
- Typical viewing angles 70° (vertical), 120° (horizontal)
- Steel or aluminum frame, finished matt black. Locking mechanism
- 5mm matt, vandal resistant polycarbonate front panel
- IP rated 65 enclosure
- Operating temperature -20°C to +85°C (or certified by supplier as suitable for operating continuously, without fault in ME conditions), 95% relative humidity (non-condensing). All circuit boards shall be covered in acon formal coating to prevent damage by moisture.

### Trailer

The VMS display, its solar panels, battery supply and control electronics shall be supplied built into a single axle trailer suitable for towing by automotive vehicle. The trailer shall be provided with:

- Towhitch complete with 50mm ball coupling and pintle ring assembly rated up to two tones, drilled for securing with padlock. A brake surge actuator shall be fitted to bring on emergency brakes in the event of disconnection from towing vehicle.
- Raisable jockey wheel and corner jacks
- Complete with stop, turn and signal lights in rear of trailer complete with amber (front) and red (rear) side marker reflectors. A suitable electric coupling shall be provided to allow connection to the towing vehicle.
- An electric / hydraulic power ram to raise and lower the display & solar panels. Optional manual pump may be provided.
- Lockable, vented enclosures for housing batteries
- On board battery power – 12v 300Ah rating (manufacture specific)
- Lockable enclosure for housing sign controller
- All necessary linking cables and couplings to ensure correct operation of the system.

### Solar Panels

Crystalline silicon photovoltaic panels for converting sunlight into electricity of appropriate size will be provided. Solar panels will automatically set at 90° to the ground when the VMS is raised from the towing position. The panels will:

- Be capable of operating the display independent of the battery supply
- Be capable of charging support batteries and display
- Be capable of being tilted to angles between horizontal and vertical.

### Controller

The unit will contain a PC based sign controller and input devise to allow users to select appropriate messages for display. Operation shall be in a familiar "windows" based environment and shall be easy to use. The PC shall use embedded operating system. The text messages shall be displayed alternatively in English and Arabic fonts. Direct Arabic / English fixed messages shall be provided. The message text shall be capable of being used in association with pictograms on the same display. When a pair of messages is selected the display shall sequentially cycle the text at a user variable rate of between 1.0 and 1.5 seconds. When the programs are displayed, it shall be possible to flash the pictogram on and off at the same cycle rate as above. It shall be possible to configure the display to function as an "Arrow board" with sequential, directional flashing arrows.

The sign controller shall additionally be provided by:

- RS 232 diagnostic or laptop communications port, USB, WIFI.
- Support IP based communication technologies
- Minimum 100 pre programmed messages
- Manual or automatic brightness control via remote photoelectric sensor
- Operating temperature +85°C with 95% humidity (NC)



## TRAFFIC / SAFETY SIGN BOARDS

- ▶ HIGH INTENSITY HONEYCOMB REFLECTIVE SIGN BOARDS
- ▶ ENGINEERING GRADE REFLECTIVE SIGN BOARDS
- ▶ INDUSTRIAL SAFETY SIGN BOARDS
- ▶ ROAD SAFETY SIGN BOARDS
- ▶ INFORMATIVE SAFETY SIGN BOARDS



مملكة البحرين  
هيئة الكهرباء والماء  
ادارة نقل الكهرباء



KINGDOM OF BAHRAIN  
ELECTRICITY & WATER AUTHORITY  
ELECTRICITY TRANSMISSION DIRECTORATE

الشيله

محطة ٦٦ ك.ف.

AL SHAYLAH  
66 KV SUBSTATION

غرفة التحكم  
CONTROL ROOM

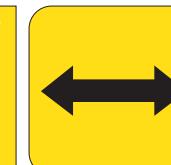
غرفة البطارية  
BATTERY ROOM

غرفة الغاز المعزولة  
66 كيلو فولت  
66 KV GIS ROOM

غرفة مفاتيح التشغيل  
11 كيلو فولت  
11 KV SWITCHGEAR ROOM

R Y B

R1	R	R2
Y1	Y	Y2
B1	B	B2
R3	R	R4
Y3	Y	Y4
B3	B	B4
R5	R	R6
Y5	Y	Y6
B5	B	B6
R7	R	R8
Y7	Y	Y8
B7	B	B8



## SUB-STATION SIGN BOARDS

- ▶ HIGH INTENSITY HONEYCOMB REFLECTIVE PRINTING
- ▶ POWDER COATED & ETCHED SIGN
- ▶ INDUSTRIAL SAFETY SIGN BOARDS
- ▶ ALUMINUM, BRASS AND STAINLESS STEEL PLATES
- ▶ AS PER MINISTRY STANDARDS



## 3D ILLUMINATED & NON-ILLUMINATED SIGNAGE

- ▶ NEON / LED ILLUMINATED
- ▶ 3D ACRYLIC SIGNAGE
- ▶ 3D ALUMINIUM SIGNAGE
- ▶ 3D BRASS SIGNAGE
- ▶ 3D STAINLESS STEEL SIGNAGE
- ▶ ILLUMINATED ACRYLIC EDGELIT SIGNAGE



## ILLUMINATED & NON-ILLUMINATED FLEX SIGN

- DIGITAL PRINTED BACKLIT FLEX FACE SIGNBOARD
- VINYL GRAPHICS BACKLIT FLEX FACE SIGNBOARD
- FLUORESCENT LIGHTS / LED TUBE LIGHT ILLUMINATION
- FRONTLIT FLEX WITH METAL FRAME (NON-ILLUMINATED)

NASS CORPORATION B.S.C		
GROUND FLOOR	FIRST FLOOR	SECOND FLOOR
NASS CONTRACTING CO. W.L.L.	NASS ELECTRICAL CONTRACTING CO. W.L.L.	NASS MECHANICAL CONTRACTING CO. W.L.L.
NASS TRAINING CENTER W.L.L.	QAQC & TECHNICAL DEPARTMENT	NASS INDUSTRIAL SERVICES
HSE DEPARTMENT	NASS PLUMBING	CENTRAL GARAGE
IT DEPARTMENT	NASS LANDSCAPES	HUMAN RESOURCE DEPARTMENT
PROCUREMENT DEPARTMENT	NASS ASPHALT	FINANCE DEPARTMENT
ESTIMATION DEPARTMENT		

MEETING ROOM

OCCUPIED VACANT



AUTHORISED  
PERSONNEL  
ONLY

SAFETY  
MANAGEMENT  
PROCEDURES  
0313

Conference  
Room

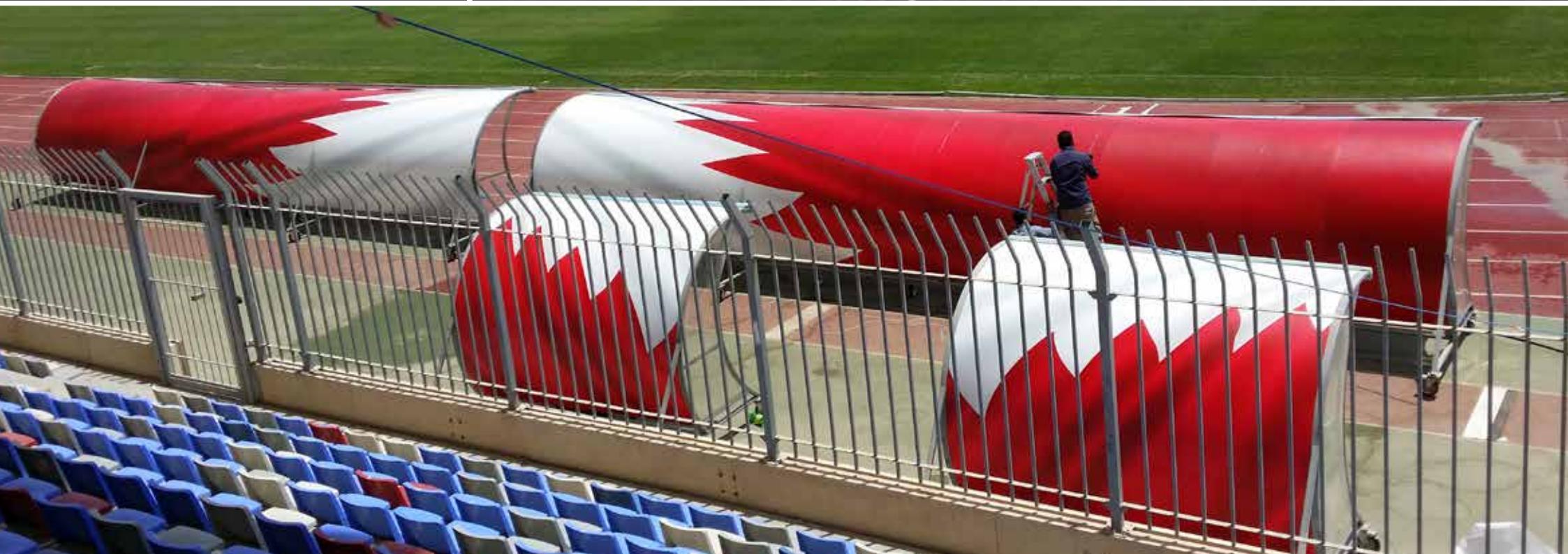
## INTERNAL SIGNAGES CUSTOMISED PROFILES

- ▶ LASER ENGRAVED PATTERN SIGNS
- ▶ BRAILLE SIGNS
- ▶ SLATZ SIGNS
- ▶ MODULEX SIGNS
- ▶ ACRYLIC SPACER SIGNS
- ▶ SLIDER SIGNS



## ACRYLIC FABRICATION & CORPORATE GIFTS

- ▶ MEMENTOS
- ▶ CUSTOM ACRYLIC STANDS LIKE FLYER, BROCHURE HOLDERS ETC.
- ▶ PODIUMS
- ▶ ACRYLIC GIFT BOXES
- ▶ ACRYLIC TRAYS
- ▶ BRAND CUSTOMISED MUGS, CAPS, PEN, USB, WIRELESS CHARGERS & MUCH MORE...

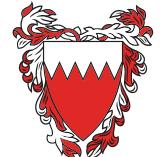




# OUR MAJOR CLIENTS



Kingdom of Bahrain  
Ministry of Interior



المجلس الأعلى للقضاء  
SUPREME JUDICIAL COUNCIL



وزاره شئون الشباب والرياضة  
Ministry of  
Youth and Sport Affairs



Bahrain Defence Force  
Military Hospital



ARABIAN GULF UNIVERSITY  
BAHRAYN



Carlo Gavazzi  
Arabia



المؤيد للكهرباء وأجهزة  
القياس وأنظمتها  
ALMOAYYED  
ELECTRICAL AND  
INSTRUMENTATION SYSTEMS

SIEMENS

Arabian International Contracting Co. WLL

AIRMECH WLL  
Where Quality Counts



Electrical & Mechanical Engineering LLC



العالية للهندسة الكهربائية  
Universal Electro-Engineering

SIDEM VEOLIA

aloala



CHARILADS APOSTOLIDES (BAHRAYN) W.L.L.  
Building and Civil Engineering Contractors

المؤيد للتكييف  
Almoayyed Air Conditioning



Jones  
Engineering

BEMCO

# OUR MAJOR CLIENTS





# SKG ADVERTISING

SOLAR SIGNBOARD - INDUSTRIAL TAGGING

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